

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| L13   | 16    | 95/279.ccls. and 95/281.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:06 |
| L14   | 304   | 95/279.ccls. 95/281.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:14 |
| L16   | 288   | 14 not 13  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:14 |
| L17   | 37    | 16 and (reverse near2 flow backwash\$4<br>backflush\$4) near4 (gas nitrogen) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:15 |
| L18   | 215   | (rins\$3 wash\$3 flush\$3) near4 (foward normal)<br>near2 (direction)        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:17 |
| L19   | 0     | 17 and 18  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:18 |
| L20   | 22139 | (rins\$3 wash\$3 flush\$3) near4 (direction)                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:18 |
| L21   | 0     | 17 and 20  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:18 |
| L22   | 54    | 20 and (reverse near2 flow backwash\$4<br>backflush\$4) near4 (gas nitrogen) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:19 |
| L23   | 36    | 22 and (purify purifying purification filter\$3<br>filtration)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/06/13<br>20:20 |

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| L24 | 100 | 20 and (reverse near2 flow backwash\$4 backflush\$4 countercurrent) near4 (gas nitrogen)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:47 |
| L25 | 83  | (rins\$3 wash\$3 flush\$3) near4 (cocurrent)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:48 |
| L26 | 102 | (rins\$3 wash\$3 flush\$3) near4 (cocurrent\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:48 |
| L27 | 234 | (rins\$3 wash\$3 flush\$3) near4 (cocurrent\$3 co adj current\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:48 |
| L28 | 23  | 27 and (reverse near2 flow backwash\$4 backflush\$4 countercurrent) near4 (gas nitrogen)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:48 |
| L29 | 23  | 28 not 23  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/13<br>20:49 |
| S1  | 1   | CECIL-T\$.XA,XP. AND slipstream  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/08<br>12:51 |
| S2  | 348 | 210/798.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/08<br>12:51 |
| S3  | 32  | S2 and (rinse rinsing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/08<br>12:53 |
| S4  | 4   | S2 and (rinse rinsing) and solvent   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/08<br>12:53 |
| S5  | 47  | ("0103280"   "0619838"   "2993599"   "3064816"   "3992301"   "4082664"   "4377485"   "4430220"   "4545940"   "4626345"   "4626346"   "4642192"   "4673494"   "4673498"   "4973404"   "5482633").PN. OR ("5190659"   "6355173").URPN. | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON | 2005/02/08<br>14:41 |
| S6  | 3   | ("3992301"   "4545940"   "5482633").PN.  | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON | 2005/02/08<br>14:42 |

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| S7  | 3    | ("3992301"   "4545940"   "5482633").PN.   | US-PGPUB;<br>USPAT; USOCR                             | OR | ON | 2005/02/08<br>15:30 |
| S8  | 3301 | (flue adj gas) near4 (treatment treating<br>purification filter\$3 purify\$3 cleaning filtration).<br>ti,ab.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:49 |
| S9  | 113  | S8 and (washing backflush\$3 backwash\$3<br>rinsing rinse cleaning) near3 (prefilter\$3 filter<br>\$3 filtration)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:31 |
| S10 | 3    | S8 and (washing backflush\$3 backwash\$3<br>rinsing rinse cleaning) near2 (prefilter\$3 filter<br>\$3 filtration) with (purg\$3 flush\$3) near2 (gas<br>gaseous)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:47 |
| S11 | 0    | S10 and solvent   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:47 |
| S12 | 2    | S8 and solvent and ((first preliminary) near<br>(filter\$3 filtration) prefilter\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:52 |
| S13 | 0    | ("95".clas. "96".clas. "55".clas.) and solvent<br>and ((first preliminary) near (filter\$3 filtration)<br>prefilter\$3) with (backflush\$3 backwash\$3<br>cleaning rinse rinsing) and (purg\$3 flush\$3)<br>near2 (gas gaseous) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:54 |
| S14 | 17   | ("95".clas. "96".clas. "55".clas.) and solvent<br>and ((first preliminary) near (filter\$3 filtration)<br>prefilter\$3) with (backflush\$3 backwash\$3<br>cleaning rinse rinsing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:04 |
| S15 | 1    | solvent and ((first preliminary) near (filter\$3<br>filtration) prefilter\$3) with (backflush\$3<br>backwash\$3 cleaning rinse rinsing) and (purg<br>\$3 flush\$3) near2 (gas gaseous)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>15:55 |
| S16 | 780  | solvent adj recovery and (filter\$3 filtration) and<br>(purg\$3 flush\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:05 |
| S17 | 39   | solvent adj recovery.ti,ab. and (filter\$3<br>filtration) and (purg\$3 flush\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:19 |
| S18 | 6    | 95/279,281.ccls. and 95/287.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:20 |

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| S19 | 4     | 95/279,281.ccls. and 95/287.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT           | OR | ON | 2005/02/08<br>16:21 |
| S20 | 25    | 95/279,281.ccls. and solvent  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT           | OR | ON | 2005/02/08<br>16:31 |
| S21 | 1577  | solvent near2 (filter filtering).ti,ab.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT           | OR | ON | 2005/02/08<br>16:31 |
| S22 | 262   | S21 and (washing backflush\$3 backwash\$3<br>rinsing rinse cleaning) near3 (prefilter\$3 filter<br>\$3 filtration)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:32 |
| S23 | 262   | S21 and (washing backflush\$3 backwash\$3<br>rinsing rinse cleaning) near3 (prefilter\$3 filter<br>\$3 filtration)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:41 |
| S24 | 21537 | filter\$3 near solvent  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:41 |
| S25 | 2245  | filtering near solvent  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:41 |
| S26 | 360   | S25 and (washing backflush\$3 backwash\$3<br>rinsing rinse cleaning flush\$3) near3 (prefilter<br>\$3 filter\$3 filtration) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:42 |
| S27 | 23    | S26 and purg\$3 near2 nitrogen  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:42 |
| S28 | 24    | S26 and purg\$3 near3 nitrogen  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/08<br>16:42 |
| S29 | 904   | (treatment purification filtration filter\$3) near4<br>flue adj gases.ti,ab.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/09<br>10:26 |
| S30 | 63    | S29 and filter\$3 with (cleaning flushing<br>backflushing removing adj (particulates solids))                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2005/02/09<br>10:27 |

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| S31 | 14   | ("3421835"   "3598238"   "4178248"   "4636306"   "4910002"   "4921610"   "4980066"   "5047154"   "5268095"   "5273665").PN. OR ("5505854").URPN. | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON | 2005/02/09<br>11:30 |
| S32 | 348  | 210/798.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/09<br>11:31 |
| S33 | 290  | 210/798.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT                 | OR | ON | 2005/02/09<br>11:31 |
| S34 | 2959 | 210/333.01,411,771,791,798,108.ccls.<br>95/279,287,281.ccls. 96/333.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT                 | OR | ON | 2005/02/09<br>11:32 |
| S35 | 3768 | 210/333.01,411,771,791,798,108.ccls.<br>95/279,287,281.ccls. 96/333.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/09<br>11:51 |
| S36 | 39   | S35 and (desulphuri?ation nox sox solvent) and (backflush\$3 backwash\$3) and (foreflush\$3 flush\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/09<br>11:36 |
| S37 | 0    | JP60022906   | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:36 |
| S38 | 0    | JP6022906  | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:36 |
| S39 | 2    | "6022906"  | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:37 |
| S40 | 0    | "60/22906"   | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:37 |
| S41 | 0    | "60/022906"  | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:37 |
| S42 | 5    | "60022906"   | JPO;<br>DERWENT   | OR | ON | 2005/02/09<br>11:51 |
| S43 | 38   | S35 and (pressurized near2 (gas nitrogen)) near4 (flush\$3 washing cleaning backwash\$3 backflush\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2005/02/09<br>11:52 |
| S44 | 10   | ("4264345"   "4419234"   "4522717"   "4767427"   "5209844"   "5256175"   "5348568"   "5460733"   "5474585").PN. OR ("5766486").URPN.             | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON | 2005/02/09<br>12:13 |
| S45 | 21   | 210/805.CCLS. AND 210/798.CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/12<br>22:53 |
| S46 | 1    | 10/595527  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/12<br>22:53 |

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| S47 | 16    | 210/798.CCLS. AND GAS AND RINSE                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/06/12<br>23:10 |
| S48 | 1     | 10/595527   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2010/06/13<br>10:43 |
| S49 | 43269 | solvent near2 recover\$4                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2010/06/13<br>10:45 |
| S50 | 203   | S49 and (reverse flush\$3 backwash\$3) near2<br>gas | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2010/06/13<br>10:46 |
| S51 | 23    | S50 and rins\$3                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT       | OR | ON | 2010/06/13<br>10:46 |

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